

File purpose

SEP 16 2004 15:47 FR LEE - HAYES PLL 509 323 8979 TO 17038729306

P.03/14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 10/633,831
Filing Date August, 2003
Inventorship Nguyen et al
Applicant Rambus Inc.
Group Art Unit 2816
Examiner Minh T. Nguyen
Attorney's Docket No. RB1-045US
Title: Phase Synchronization For Wide Area Integrated Circuits

To: Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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From: Emmanuel A. Rivera (Tel. 509-324-9256; Fax 509-323-8979)
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RESPONSE TO OFFICE ACTION OF JULY 26, 2004

Sir:

In response to the Office action of July 26, 2004, the following is presented:

Listing of claims begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

09/23/2004 PWHLER 00000002 120769 10633831
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LEE & HAYES, PLLC

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RB1-045US001

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| PATENT APPLICATION FEE DETERMINATION RECORD | | | | Application or Docket Number <i>101633831</i> |
|---------------------------------------------|--|--|--|--------------------------------------------------|
| Substitute for Form PTO-875 | | | | |

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|----------------------------------------|------------------|--------------|
| BASIC FEE (37 CFR 1.16(a)) | | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | minus 20 = | * |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | (37 CFR 1.16(d)) | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

OR

| RATE | FEES |
|--------------|----------|
| | \$ _____ |
| X \$ _____ = | |
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL | |

OTHER THAN SMALL ENTITY

| RATE | FEES |
|--------------|----------|
| | \$ _____ |
| X \$ _____ = | |
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL | |

CLAIMS AS AMENDED - PART II

9-16-04

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|-----------------------------------------------------------------|----------------------------------|------|------------------------------------|---------------|
| | Total (37 CFR 1.16(c)) | * 18 | Minus ** 36 | = |
| | Independent (37 CFR 1.16(b)) | * 6 | Minus *** 5 | = 1 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

SMALL ENTITY

OR

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ 9 = | |
| X \$ 43 = | |
| + \$ 145 = | |
| TOTAL ADD'L FEE | |

OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ 18 = | |
| X \$ 86 = | \$ 86 |
| + \$ 290 = | |
| TOTAL ADD'L FEE | <i>Pd</i> |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|-----------------------------------------------------------------|----------------------------------|---|------------------------------------|---------------|
| | Total (37 CFR 1.16(c)) | * | Minus ** | = |
| | Independent (37 CFR 1.16(b)) | * | Minus *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL ADD'L FEE | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL ADD'L FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|-----------------------------------------------------------------|----------------------------------|---|------------------------------------|---------------|
| | Total (37 CFR 1.16(c)) | * | Minus ** | = |
| | Independent (37 CFR 1.16(b)) | * | Minus *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL ADD'L FEE | |

| RATE | ADDITIONAL FEE |
|-----------------|----------------|
| X \$ _____ = | |
| X \$ _____ = | |
| + \$ _____ = | |
| TOTAL ADD'L FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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